

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|--------------------------------|---|--------------------------------|
| In re Patent Application of |) | Attorney Docket No.: ASAIN0155 |
| |) | |
| Shinya MORITA et al. |) | Confirmation No.: 3067 |
| |) | |
| Serial No.: 10/516,449 |) | Group Art Unit: 2881 |
| |) | |
| Filed: April 24, 2006 |) | Examiner: Unassigned |
| |) | |
| For: APPARATUS FOR CONTROLLING |) | Date: July 31, 2006 |
| NEUTRON BEAM AND METHOD |) | |
| FOR MANUFACTURING THE SAME |) | |

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

**ATTN: Office of Initial Patent Examination's
Filing Receipt Corrections**

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Several errors were noted upon review of the Official Filing Receipt, and, accordingly it is respectfully requested that a corrected Official Filing Receipt be promptly forwarded to the undersigned attorney for applicant(s). Attached is a marked up filing receipt to show the corrections that are needed.

Please note that a copy of the Declaration filed on April 24, 2006, along with a copy of the e-filing acknowledgement receipt, is also attached reflecting the correct inventor information, which is the basis for the correction contained herein.

In the Applicants section:

Please insert missing fourth inventor – Sei Moriyasu, Saitama, JAPAN; -- as noted on the attached marked-up filing receipt;

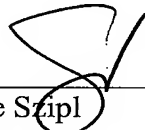
In the Title section:

Please delete “Neutron beam control device and method manufacturing the control device” and insert therefore –Apparatus for controlling neutron beam and method for manufacturing the same--.

It is believed that no fee is required with the filing of this paper, however, should the filing of this paper necessitate a fee, the Director is hereby authorized to charge the necessary fee to Deposit Account No. 50-1281.

Respectfully submitted,

GRIFFIN & SZIPL, P.C.



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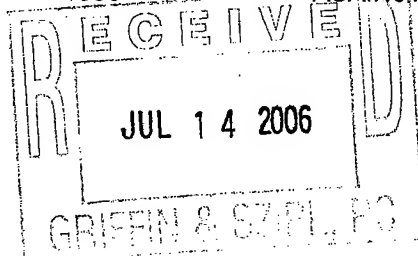


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| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/516,449 | 04/24/2006 | 2881 | 1080 | ASAIN0155 | 9 | 11 | 2 |

24203
 GRIFFIN & SZIPL, PC
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 2300 NINTH STREET, SOUTH
 ARLINGTON, VA 22204



CONFIRMATION NO. 3067

FILING RECEIPT



OC000000019480416

Date Mailed: 07/10/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Shinya Morita, Saitama, JAPAN;
 Hitoshi Ohmori, Saitama, JAPAN;
 Yutaka Yamagata, Saitama, JAPAN;
 Hirohiko Shimizu, Saitama, JAPAN;
 Takayuki Oku, Saitama, JAPAN;

← Sei MORIYASU, Saitama, JAPAN;

Assignment For Published Patent Application

RIKEN, WAKO-SHI, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 24203.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/07002 06/03/2003

Foreign Applications

JAPAN 2002-162365 06/04/2002

If Required, Foreign Filing License Granted: 07/03/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/516,449**

Projected Publication Date: 10/12/2006

Non-Publication Request: No

Early Publication Request: No

Title

~~Neutron beam control device and method manufacturing the control device~~
APPARATUS FOR CONTROLLING NEUTRON BEAM AND METHOD FOR
MANUFACTURING THE SAME
Preliminary Class
 250

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website; <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

DECLARATION FOR UNITED STATES PATENT APPLICATION
(For Use With Both PCT and Non-PCT Applications) (Atty. Docket: ASAIN0155)

As a below named inventor, I declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, (1) APPARATUS FOR CONTROLLING NEUTRON BEAM AND METHOD FOR MANUFACTURING THE SAME, the specification of which is attached hereto unless the following box is checked: (2) ☒ was filed on (3) December 1, 2004 (4) as U. S. Appl. SN or PCT International Appl. No. _____ and was amended on (5) _____ (if applicable).

I state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I claim priority benefits under 35 USC 119 of any United States or foreign application(s) for patent or inventor's certificate listed below and have also identified below any United States or foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior United States or Foreign Application(s)

| NUMBER | COUNTRY | DAY/MONTH/YEAR FILED | PRIORITY CLAIMED |
|---------------------------|--------------------------|----------------------|---|
| (6) <u>PCT/JP03/07002</u> | <u>International PCT</u> | <u>03 June 2003</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <u>162365/2002</u> | <u>Japan</u> | <u>04 June 2002</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |

I claim the benefit under 35 USC 120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Appln. Serial No. | Filing Date | Status |
|-------------------|-------------|---|
| (7) _____ | _____ | (Status: <input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned) |
| _____ | _____ | (Status: <input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned) |

I appoint Joerg-Uwe Szipl, Reg. No. 31,799, W. Scott Ashton, Reg. No. 47,395, Roy Roberts, Reg. No. 54,402, and Griffin & Szipl, P.C., individually and jointly, my attorneys/agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and with the resulting patent, whose address is Griffin & Szipl, PC, Suite PH-1, 2300 9th Street, South, Arlington, Virginia 22204-2320, Telephone No. (703) 979-5700, Customer No. 24203.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorize(s) Griffin & Szipl, P.C. of the above address to insert hereon any further identification or correction necessary or desirable for submission of this document.

(8) Full name of sole or first inventor Shinya MORITA
Inventor's signature Shinya Morita Date JANUARY 25, 2005
Residence c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, JAPAN
Citizenship Japan

Post Office Address c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, JAPAN

(8) Full name of joint inventor Hitoshi OHMORI
Inventor's signature Hitoshi Ohmori Date JANUARY 25, 2005
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(8) Full name of joint inventor Yutaka YAMAGATA
Inventor's signature Yutaka Yamagata Date JANUARY 25, 2005
Residence c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, JAPAN
Citizenship Japan

Post Office Address c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198, JAPAN

(1) Insert title of invention.

(2) Check block for PCT application or U. S. application already on file, and complete items (3), (4) and (5). If PCT national phase entry application, insert international PCT application filing date, Serial No., and date of any Article 19 amendments.

(6) Complete for foreign priority documents; add additional page if needed.

(7) Complete for earlier US parent applications; add additional page if needed.

(8) Complete ALL blanks. Attach second page for further joint inventors.

CAUTION: THIS FORM MAY BE USED ONLY IF ALL INVENTORS READ AND UNDERSTAND ENGLISH.

[illegible]

Electronic Acknowledgement Receipt

| | |
|--|---|
| EFS ID: | 1029598 |
| Application Number: | 10516449 |
| Confirmation Number: | 3067 |
| Title of Invention: | Apparatus for controlling neutron beam and method for manufacturing the same |
| First Named Inventor: | Shinya Morita |
| Correspondence Address: | Griffin & Szipl - 2300 Ninth Street South Suite PH-1 Arlington VA 22204 US 703-979-5700 - |
| Filer: | Joerg-Uwe V. Szipl/Bridget Burke |
| Filer Authorized By: | Joerg-Uwe V. Szipl |
| Attorney Docket Number: | ASAIN0155 |
| Receipt Date: | 24-APR-2006 |
| Filing Date: | |
| Time Stamp: | 15:50:29 |
| Application Type: | U.S. National Stage under 35 USC 371 |
| International Application Number: | |

Payment information:

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| Submitted with Payment | yes |
| Payment was successfully received in RAM | \$ 130.0 |

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|-------------------------|----|
| RAM confirmation Number | 84 |
| Deposit Account | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes) | Multi Part | Pages |
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| 1 | Miscellaneous Incoming Letter | 06-04-24_Submission_of_Missing_Requirements.pdf | 39605 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Miscellaneous Incoming Letter | 06-04-24_Notification_of_Missing_Requirements.pdf | 63911 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Oath or Declaration filed | 06-04-24_Declaration.pdf | 114595 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | Fee Worksheet (PTO-875) | fee-info.pdf | 8196 | no | 2 |
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.